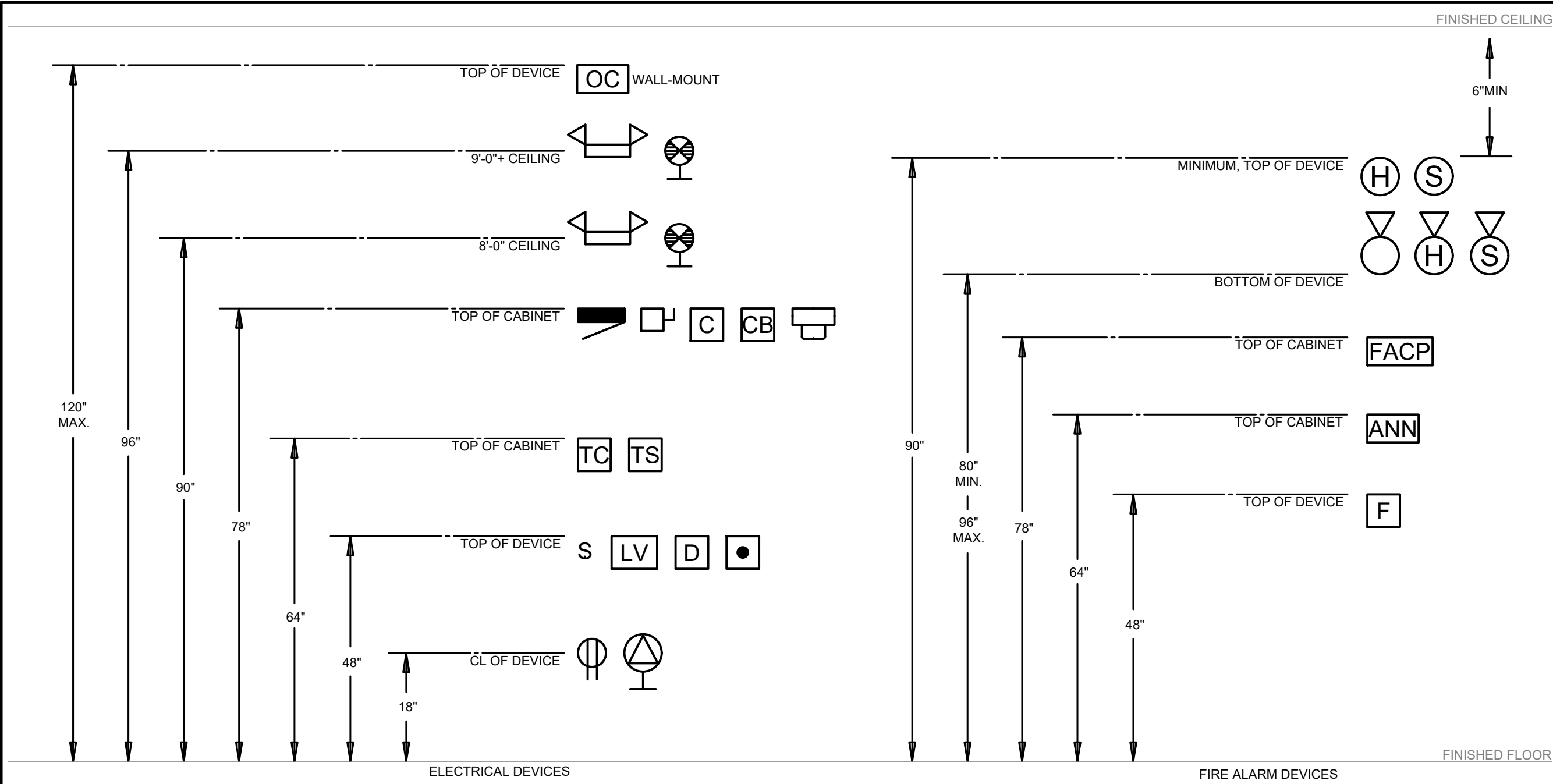
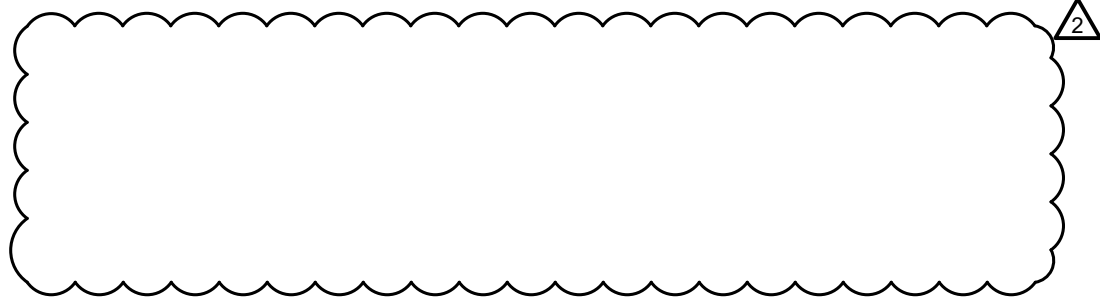


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ELECTRICAL SHEET INDEX		ISSUE LOG					
#	TITLE	100% CONSTRUCTION DOCUMENTS FOR CONSTRUCTION SET FOR BID ADDENDUM #1 ADDENDUM #2					
E-000	ELECTRICAL COVER SHEET	✓					
ED-100	THIRD LEVEL ELECTRICAL DEMOLITION PLAN	✓	✓	✓			
E-100	THIRD LEVEL ELECTRICAL POWER AND LIGHTING PLANS	✓	✓	✓			
E-300	ELECTRICAL ONE-LINE DIAGRAM	✓	✓				
E-400	ELECTRICAL DIAGRAMS AND SCHEDULES	✓	✓	✓			
ISSUE LOG KEY: ✓ ISSUED AS PART OF A SET • NOT PART OF SET •• ISSUED FOR INFORMATION ONLY		DATE	02/05/2021	04/15/2021	04/30/2021	05/17/2021	05/28/2021

GENERAL NOTES:

- THESE DRAWING NOTES ACCOMPANY THE CONSTRUCTION DOCUMENT SPECIFICATIONS.
- DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS ON ARCHITECTURAL DRAWINGS AND IN FIELD PRIOR TO COMMENCEMENT OF WORK.
- VISIT SITE PRIOR TO BID AND VERIFY THAT CONDITIONS ARE AS INDICATED. CONTRACTOR SHALL INCLUDE IN HIS BID COSTS REQUIRED TO MAKE HIS WORK MEET EXISTING CONDITIONS.
- REVIEW OTHER DRAWINGS PRIOR TO BID.
- WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER TO THE SATISFACTION OF THE ARCHITECT.
- WORK, MATERIALS, AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE OF COLORADO, NATIONAL AND LIFE SAFETY CODE.
- SYSTEMS SHALL BE COMPLETE, OPERABLE, AND READY FOR CONTINUOUS OPERATION. LIGHTS, SWITCHES, RECEPTACLES, MOTORS, ETC. SHALL BE CONNECTED AND OPERABLE.
- PANEL DIRECTORIES SHALL BE REMOVABLE. SUBMIT PROPOSED SCHEDULE OF DIRECTORIES TO OWNER FOR APPROVAL. ROOM NAMES AND NUMBERS SHALL BE AS DIRECTED BY OWNER. DIRECTORIES SHALL BE TYPED AND INSTALLED UNDER CLEAR PLASTIC COVERS.
- PROVIDE DYMO-TAPE TAG INSIDE COVER OF EACH FUSIBLE SWITCH, INDICATING SIZE AND TYPE OF FUSES PROVIDED.
- CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT, OR INSTALLATION METHODS.
- LABEL COVER OF EACH DEVICE WITH SOURCE PANEL AND BRANCH CIRCUIT NUMBER WITH DYMO MARKER.
- FINAL CONNECTIONS TO EQUIPMENT SHALL BE IN ACCORDANCE WITH MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS.
- ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A NYLON PULLSTRING OR EQUAL AND SHALL BE IDENTIFIED AT ALL JUNCTION, PULL AND TERMINATION POINTS, USING PERMANENT METALLIC TAGS. TAG SHALL INDICATE INTENDED USE OF CONDUIT, ORIGINATION, AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.
- INSTALL ALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ANY DEVIATIONS SHALL BE BROUGHT TO THE ARCHITECT/ENGINEER'S ATTENTION PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING PROVIDED UNDER THIS SECTION, OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.
- WIRE TERMINATION PROVISIONS FOR PANELBOARDS, CIRCUIT BREAKERS, SAFETY SWITCHES, AND ALL OTHER ELECTRICAL APPARATUS SHALL BE LISTED AS SUITABLE FOR 75 DEGREE CELSIUS.
- WIRING DEVICES SHALL BE SPECIFICATION GRADE AND RATED AT 20 AMPERES FOR LIGHT SWITCHES, AND 20 AMPERES FOR DUPLEX RECEPTACLES. WHITE IN COLOR.
- PULLBOXES, CABINETS, ETC. MOUNTED ON THE EXTERIOR AT GRADE LEVEL, SHALL BE WEATHERPROOF TYPE WITH HINGED LOCKABLE COVERS.
- OWNER WILL DISCONNECT, MOVE AND SET IN PLACE ALL SHOP EQUIPMENT. ELECTRICAL CONTRACTOR WILL MAKE ELECTRICAL CONNECTIONS, MODIFICATIONS, ETC. INDICATED ON THESE DRAWINGS.
- ALL FLUORESCENT LAMPS SHALL BE RECYCLED WITH DOCUMENTATION OF THIS RECYCLING EFFORT PROVIDED TO THE PROJECT MANAGER.



TYPICAL DEVICE MOUNTING HEIGHTS
NO SCALE

- NOTES:
- IF MOUNTING HEIGHT OF DEVICES INDICATED HERE IS IN CONFLICT WITH ADA REQUIREMENTS DUE TO INSTALLATION DETAIL, ADA DIMENSIONS SHALL GOVERN.
 - REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS. LOCATIONS SHOWN ON INTERIOR ELEVATIONS SHALL SUPERCEDE LOCATIONS SHOWN HERE, UNLESS LOCATIONS SHOWN ON INTERIOR ELEVATIONS ARE NOT CODE COMPLIANT.

VOICE/DATA SYMBOLS	
▶	TELEPHONE WALL OUTLET
▶▶	DOUBLE TELEPHONE WALL OUTLET
■	TELEPHONE FLOOR OUTLET
▷	DATA WALL OUTLET
▷▷	DATA WALL OUTLET
■	DATA FLOOR OUTLET
▶▶	COMBO PHONE/DATA OUTLET
▶▶	DOUBLE COMBO PHONE/DATA OUTLET
■	COMBO PHONE/DATA FLOOR OUTLET
OF ▶	VOICE/DATA/FIBER OUTLET
POS ▶	POINT OF SALE (POS) OUTLET
ATM ▶	AUTOMATED TELLER MACHINE (ATM) STATION
PP ▶	PUBLIC PAYPHONE OUTLET
E ▶	ELEVATOR PHONE OUTLET
F ▶	FAX/COPIER OUTLET
EM ▶	EMERGENCY SERVICES PHONE OUTLET
■	POWER/TELECOM POLE
■	WIRELESS LAN (WI-FI) ACCESS POINT OUTLET
■	MULTI-OUTLET WIREWAY

LIGHTING FIXTURE SYMBOLS	
○	RECESSED LIGHTING FIXTURE
○	DIRECTIONAL/ADJUSTABLE RECESSED LIGHTING FIXTURE
⊗	SURFACE MOUNTED LIGHT
⊕	PENDANT MOUNTED LIGHT
○	WALL MOUNTED LIGHT
⊞	WALL MOUNTED UP-LIGHT
⊞	MONO-POINT LIGHTING FIXTURE
⊞	RECESSED STEP LIGHT
⊞	FLUORESCENT STRIP LIGHT
⊞	WALL MOUNTED LINEAR FLUORESCENT LIGHT
⊞	RECESSED OR SURFACE MOUNTED FLUORESCENT TROFFER
⊞	FIXTURE WITH EMERGENCY BACKUP OR ON EM CIRCUIT
⊞	CEILING MOUNTED EXIT SIGN W/ FACES & ARROWS AS SHOWN
⊞	WALL MOUNTED EXIT SIGN W/ FACES & ARROWS AS SHOWN
⊞	WALL MOUNTED COMBO EXIT SIGN/ EGRESS LIGHT
⊞	EMERGENCY LIGHTS
⊞	EXTERIOR POLE MOUNTED LIGHT
⊞	EXTERIOR POST (BOLLARD) MOUNTED LIGHT
⊞	CEILING FAN
⊞	CEILING FAN WITH LIGHT

LIGHTING CONTROL SYMBOLS

S	WALL MOUNTED SWITCH
S ³	THREE-WAY SWITCH
S ⁴	FOUR-WAY SWITCH
S ^J	DOOR JAMB SWITCH
S ^K	KEY SWITCH
S ^D	DIMMER SWITCH
XXX ⊞	WALL MOUNTED DEVICE
RC ⊞	ROOM CONTROLLER
⊞	OCCUPANCY/VACANCY PROGRAMMED SENSOR - CEILING MOUNTED
⊞	OCCUPANCY/VACANCY PROGRAMMED SENSOR - CORNER MOUNTED
DL ⊞	DAYLIGHT PHOTO SENSOR

LIGHTING DRAWING SYMBOLS

CL	ALIGNMENT LINE
OBJECT	CENTER LINE DESIGNATION

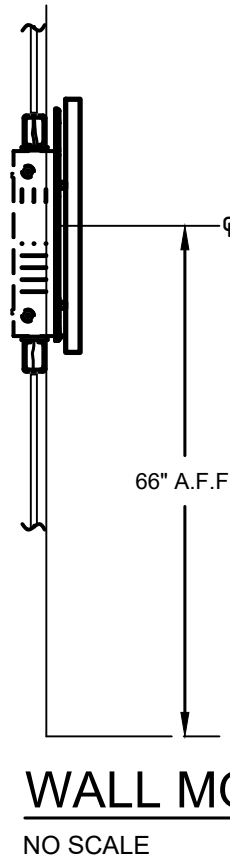
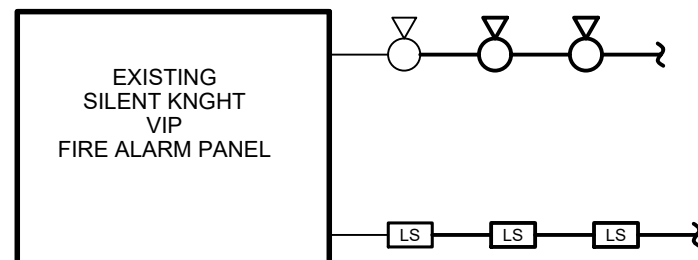
FIRE ALARM SYMBOLS

FACP	FIRE ALARM CONTROL PANEL
ANN	REMOTE ANNUNCIATOR PANEL
AM	INDIVIDUAL ADDRESSABLE MODULE
MR	MONITORED RELAY
IV	POST-INDICATOR VALVE
RTS	REMOTE TESTER SWITCH
LS	FIRE ALARM LIFE SAFETY SPEAKER
⊞	SMOKE DETECTOR
⊞	HEAT DETECTOR
⊞	DUCT DETECTOR
⊞	COMBO SMOKE/HEAT DETECTOR
⊞	SMOKE DETECTOR SOUND BARRIER
⊞	SMOKE DETECTOR W/ CARBON MONOXIDE
BD	BEAM TYPE SMOKE DETECTOR TRANSMITTER
BD	BEAM TYPE SMOKE DETECTOR RECEIVER
F	FIRE ALARM PULL STATION
⊞	FIRE ALARM HORN
⊞	FIRE ALARM STROBE
⊞	FIRE ALARM COMBO HORN/STROBE
⊞	FIRE ALARM SPEAKER
⊞	FIRE ALARM COMBO SPEAKER/STROBE
FF	SPRINKLER SYSTEM FLOW SWITCH
FT	SPRINKLER SYSTEM TAMPER SWITCH
ESD	FIRE/SMOKE DAMPER
LS	CEILING MOUNTED LIFE SAFETY SPEAKER

GENERAL NOTES:

- PROGRAM EXISTING FIRE ALARM PANEL AT THE COMPLETION OF THE PROJECT TO INDICATE NEW / MODIFIED FIRE ALARM DEVICES.
- PROVIDE ADDITIONAL FIRE ALARM BOOSTER PANEL AND/OR AMPLIFIER IN ELECTRICAL ROOM AS REQUIRED.

PARTIAL FIRE ALARM DIAGRAM



WALL MOUNTED MONITOR INFRASTRUCTURE DIAGRAM
NO SCALE

POWER SYMBOLS	
⊞	SINGLE RECEPTACLE - WALL MOUNTED
⊞	DUPLEX RECEPTACLE - WALL MOUNTED
USE ⊞	DUPLEX RECEPTACLE WITH USB PORTS - WALL MOUNTED
⊞	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - WALL MOUNTED
⊞	QUADPLEX RECEPTACLE - WALL MOUNTED
⊞	DUPLEX RECEPTACLE; GFCI - WALL MOUNTED
⊞	DUPLEX RECEPTACLE; HALF SWITCHED - WALL MOUNTED
⊞	DUPLEX RECEPTACLE; ISOLATED GROUND - WALL MOUNTED
⊞	SPECIAL OUTLET AS NOTED - WALL MOUNTED
⊞	DUPLEX RECEPTACLE - CEILING MOUNTED; TYP. ALL TYPES
⊞	FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE; TYP. ALL TYPES
⊞	FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE AND TELECOM
⊞	JUNCTION BOX - WALL MOUNTED
⊞	JUNCTION BOX - FLUSH FLOOR MOUNTED
⊞	JUNCTION BOX - CEILING MOUNTED
⊞	MULTI-OUTLET PLUG STRIP
⊞	POWER/TELECOM POLE
⊞	MECHANICAL EQUIPMENT POWER CONNECTION
⊞	KITCHEN EQUIPMENT POWER CONNECTION
⊞	POOL EQUIPMENT POWER CONNECTION
TS	TIMER SWITCH
⊞	FUSED DISCONNECT
⊞	NON FUSED DISCONNECT
⊞	MOTOR STARTER
⊞	ENCLOSED CIRCUIT BREAKER
PB	PULL BOX
⊞	PUSH BUTTON
TC	TIME CLOCK
⊞	PHOTO-CELL
⊞	TRANSFORMER
⊞	PANELBOARD OR LOADCENTER
⊞	CONTACTOR
⊞	ELECTRIC MOTOR
⊞	METER
⊞	THERMOSTAT
ATS	AUTOMATIC TRANSFER SWITCH
⊞	CIRCUIT HOMERUN
---	CONDUIT RUN
---	CONDUIT RUN BELOW GRADE
⊞	CONDUIT UP
⊞	CONDUIT DOWN
\$	SWITCH
\$ ^T	THERMAL OVERLOAD SWITCH
\$ ^V	VARIABLE SPEED SWITCH
\$ ^K	KEY SWITCH

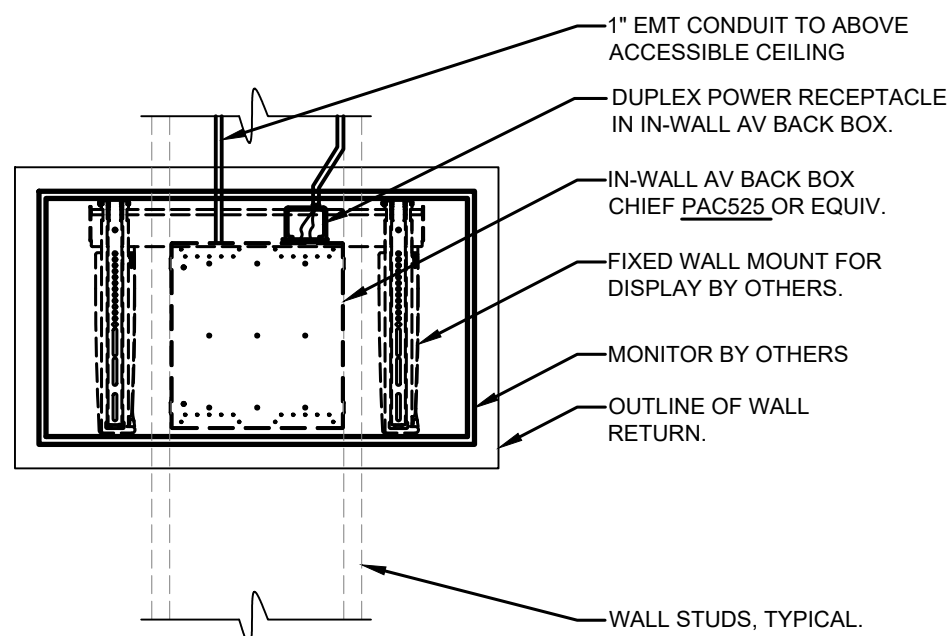
ONE-LINE DIAGRAM SYMBOLS

⊞	DISCONNECT SWITCH
⊞	FUSE
⊞	CIRCUIT BREAKER
⊞	CURRENT TRANSFORMER
⊞	POTENTIAL TRANSFORMER
⊞	METER
⊞	VOLT-METER
⊞	AMP-METER
SS	SURGE PROTECTION DEVICE
⊞	SELECTOR SWITCH
⊞	GROUND FAULT PROTECTION
⊞	SHUNT TRIP
⊞	NORMALLY OPEN CONTACT
⊞	NORMALLY CLOSED CONTACT
⊞	GROUND
⊞	COLD WATER GROUND CONNECTION
⊞	BUILDING STEEL GROUND CONNECTION
⊞	TRANSFORMER
⊞	DISCONNECT

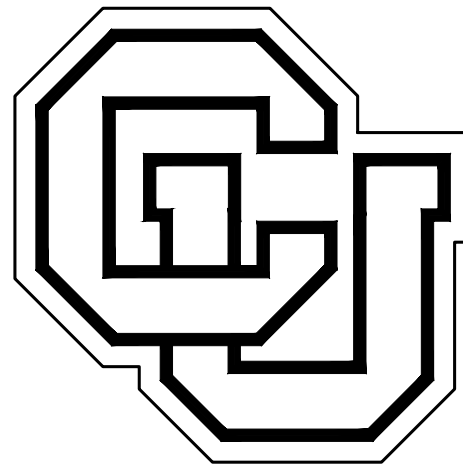
ABBREVIATIONS	
AFC	- ABOVE FINISHED CEILING
AFF	- ABOVE FINISHED FLOOR
AFG	- ABOVE FINISHED GRADE
AHJ	- AUTHORITY HAVING JURISDICTION
AL	- ALUMINUM
AP	- ACCESS POINT
AWG	- AMERICAN WIRE GAUGE
BAS	- BUILDING AUTOMATION SYSTEM
BFG	- BELOW FINISH GRADE
BMS	- BUILDING MANAGEMENT SYSTEM
C	- CONDUIT
CATV	- COMMUNITY (CABLE) ANTENNA TELEVISION SYSTEM
CCTV	- CLOSED CIRCUIT TELEVISION
CKT	- CIRCUIT
CPU	- CENTRAL PROCESSING UNIT
CT	- CURRENT TRANSFORMER
DISP	- GARBAGE DISPOSAL
DW	- DISHWASHER
(E)	- EXISTING
EM	- EMERGENCY
EWC	- ELECTRIC WATER COOLER
FA	- FIRE ALARM
FACP	- FIRE ALARM CONTROL PANEL
FBO	- FURNISHED BY OTHERS
GC	- GENERAL CONTRACTOR
GFI	- GROUND FAULT CIRCUIT INTERRUPTER
GRD	- GROUND
IAW	- IN ACCORDANCE WITH
IC	- INTERMEDIATE CROSS-CONNECT
IDF	- INTERMEDIATE DISTRIBUTION FRAME
IG	- ISOLATED GROUND
IR	- INFRARED
LAN	- LOCAL AREA NETWORK
MDF	- MAIN DISTRIBUTION FRAME
(N)	- NEW
NIC	- NOT IN CONTRACT
NL	- NIGHT LIGHT
NTS	- NOT TO SCALE
OC	- ON CENTER
PA	- PUBLIC ADDRESS
REF	- REFRIGERATOR
SPD	- SURGE PROTECTION DEVICE
TTB	- TELECOMMUNICATIONS TERMINAL BOARD
TVTB	- TELEVISION TERMINAL BOARD
UG	- UNDERGROUND
UNO	- UNLESS NOTED OTHERWISE
V	- VOLT
W	- WATT
WAN	- WIDE AREA NETWORK
WAP	- WIRELESS ACCESS POINT
WLAN	- WIRELESS LOCAL AREA NETWORK
WP	- WEATHERPROOF
XP	- EXPLOSIONPROOF
+18"	- MOUNTING HEIGHT TO CENTERLINE OF DEVICE ABOVE FINISH FLOOR (VERIFY W/ ARCH ELEVS)

NOTES:

- LIGHT LINEWEIGHT INDICATES EXISTING.
- HATCHED AREAS INDICATE DEMOLITION.
- 'C' ADJACENT TO A DEVICE INDICATES MOUNTING ABOVE COUNTERTOP.

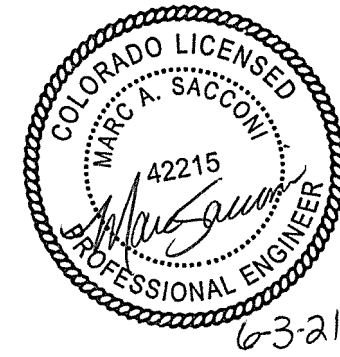


- NOTES:
- DUPLEX RECEPTACLE MOUNTS DIRECTLY TO IN-WALL AV BACK BOX.
 - MINIMUM 2" GAP ON ALL SIDES OF DISPLAY TO MAINTAIN PROPER AIR FLOW.



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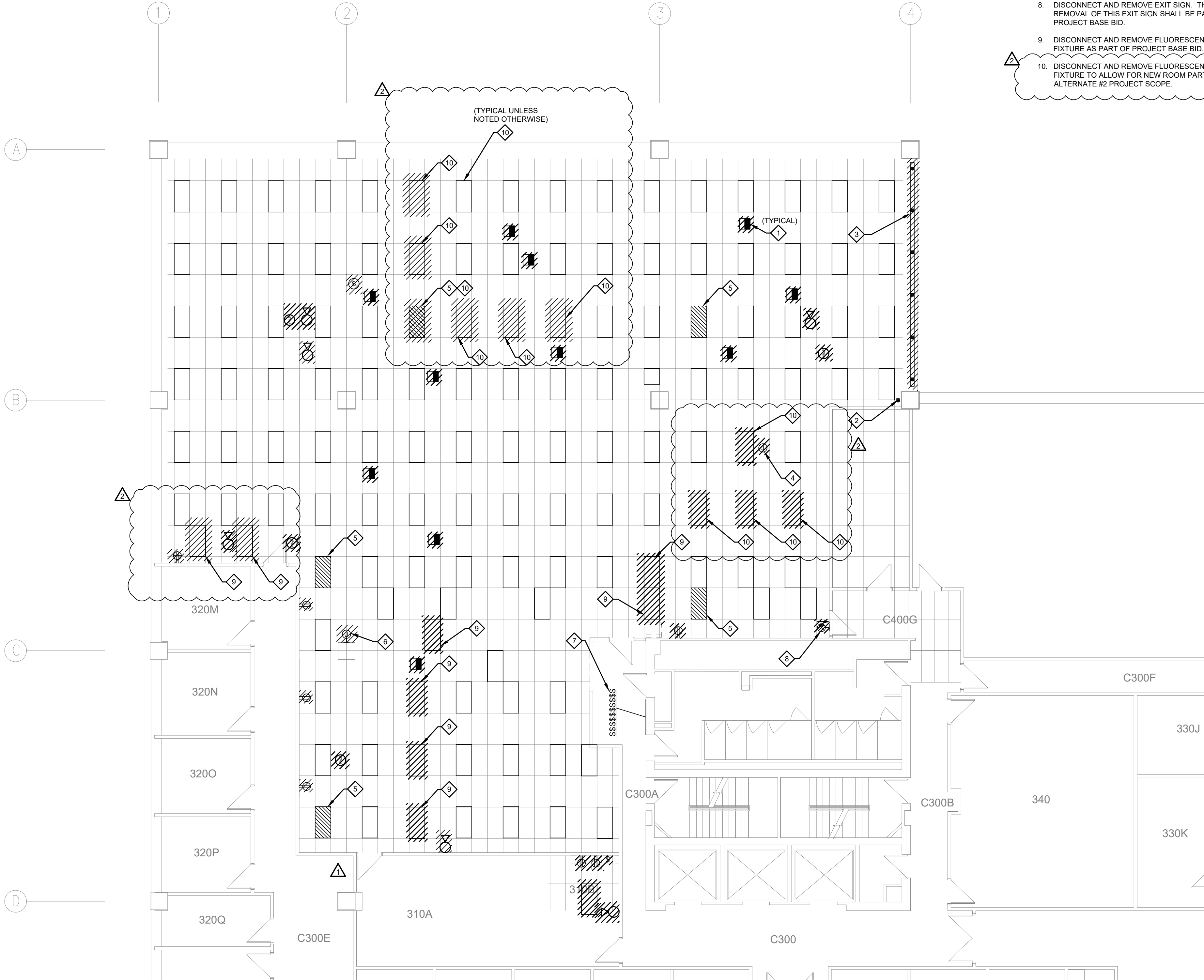
DATE	DESCRIPTION
02-05-21	100% CONSTRUCTION DOCUMENTS
04-15-21	FOR CONSTRUCTION SET
04-30-21	FOR BID
05-17-21	ADDENDUM #1
05-28-21	ADDENDUM #2

DRAWN BY: HMH CHECKED BY: MAB
PROJECT: 2049CU INITIAL DATE: DEC 2020

ELECTRICAL COVER SHEET

E-000

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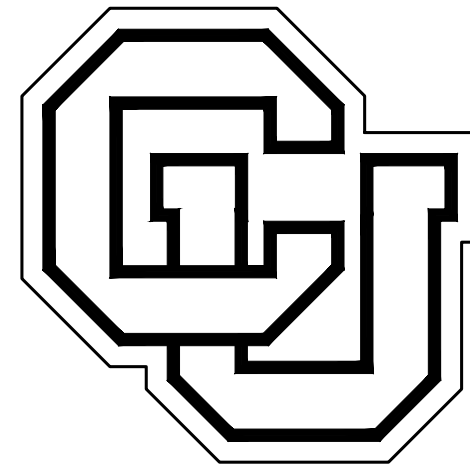
1 THIRD LEVEL ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

FLAG NOTES:

1. DISCONNECT AND REMOVE POWER POLE.
2. DISCONNECT AND REMOVE VERTICAL SURFACE MOUNTED RACEWAY.
3. DISCONNECT AND REMOVE SURFACE MOUNTED RACEWAY.
4. DISCONNECT AND REMOVE FLOOR POWER CONNECTION. PROVIDE FIRE RATED ABANDONMENT CAP OVER REMOVED DEVICE.
5. EXISTING FLUORESCENT FIXTURE CONNECTED TO BUILDING "LIFE SAFETY" BRANCH CIRCUIT TO REMAIN.
6. DISCONNECT AND REMOVE WALL MOUNTED SYSTEM FURNITURE CONNECTION.
7. EXISTING LIGHTING CONTROL DEVICES TO REMAIN.
8. DISCONNECT AND REMOVE EXIT SIGN. THE REMOVAL OF THIS EXIT SIGN SHALL BE PART OF PROJECT BASE BID.
9. DISCONNECT AND REMOVE FLUORESCENT LIGHT FIXTURE AS PART OF PROJECT BASE BID.
10. DISCONNECT AND REMOVE FLUORESCENT LIGHT FIXTURE TO ALLOW FOR NEW ROOM PARTITION. ALTERNATE #2 PROJECT SCOPE.

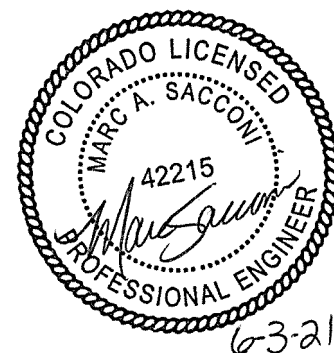
DEMOLITION NOTES:

1. DEMOLITION PLAN INDICATES A DESIRED SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IN FIELD PRIOR TO START OF WORK.
2. CONDITIONS MAY EXIST WHERE (E) CABLING AND/OR EQUIPMENT IS INSTALLED WITHIN AN AREA OF DEMOLITION THAT IS INTENDED TO REMAIN IN ORDER TO KEEP SYSTEMS OUTSIDE OF THE AREA OF DEMOLITION IN OPERABLE CONDITION. CONTRACTOR SHALL PROVIDE APPROPRIATE PROTECTION AND EXERCISE CARE WHEN PERFORMING DEMOLITION AROUND SUCH CABLING AND EQUIPMENT.
3. ALL SYSTEMS LOCATED OUTSIDE THE AREA OF DEMOLITION ARE INTENDED TO REMAIN OPERABLE.
4. FOR ALL ITEMS TO BE DEMOLISHED REMOVE CIRCUIT BACK TO POINT OF CONNECTION. MAKE BRANCH CIRCUIT WITH REMAINING DEVICES CONTINUOUS.
5. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEMOLISHED ITEMS FROM SITE UNLESS OWNER WISHES TO RETAIN. ITEMS REMOVED FROM SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
6. EVERY ATTEMPT WAS MADE TO LOCATE ALL ITEMS TO BE INCLUDED IN THE DEMOLITION SCOPE IN THIS OCCUPIED SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE A REASONABLE ALLOWANCE TO INCLUDE THE REMOVAL OF ITEMS NOT INDICATED ON THE ELECTRICAL DEMOLITION PLAN.



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PROJECT: 2049CU
CHECKED BY: MAB
INITIAL DATE: DEC 2020

THIRD LEVEL ELECTRICAL
DEMOLITION PLAN

ED-100



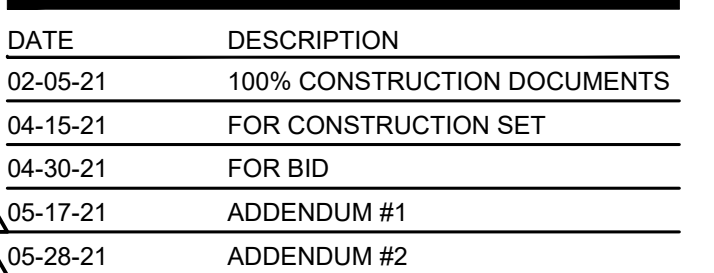
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- # NOTES:
1. REFER TO ARCHITECTURAL PLANS AND INTERIOR ELEVATIONS FOR FINAL RECEPTACLE AND DEVICE PLACEMENT. COORDINATE ALL RECEPTACLE MOUNTING LOCATIONS WITH FIXTURES, APPLIANCES, FURNITURE, CABINETRY, AND OTHER EQUIPMENT PRIOR TO ROUGH-IN.
 2. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD COORDINATING THE LOCATION OF ELECTRICAL EQUIPMENT, JUNCTION BOXES, DISCONNECTS, ETC. EC SHALL BE RESPONSIBLE FOR COORDINATION AND THE ROUTING OF FEEDERS, AND BRANCH CIRCUITS.
 3. COORDINATE POWER CONNECTIONS FOR OWNER PROVIDED EQUIPMENT AND APPLIANCES, AND ALL OTHER EQUIPMENT PROVIDED BY OTHER DIVISIONS WITH SUBMITTAL DATA CUT SHEETS, WIRING DIAGRAMS, AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. FIELD COORDINATE FINAL LOCATIONS OF EQUIPMENT AND POWER CONNECTIONS WITH GENERAL CONTRACTOR AND OTHER DIVISIONS/CONTRACTORS PRIOR TO ROUGH-IN.
 4. FOR EACH COMMUNICATION DEVICE PROVIDE A 4"x4" RECESSED JUNCTION WITH A SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT TO ABOVE EXPOSED CEILING AND PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
 5. THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "L3B" UNLESS NOTED OTHERWISE.
- 3
-

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PROJECT: 2049CU	INITIAL DATE: DEC 2020

E-100

PANEL:				(E) PANEL H3				VOLTAGE:				277/480V, 3PH, 4W					
LOCATION:				BATHROOM HALL				MINIMUM BUS:				400					
MOUNTING:				RECESSED				MAIN:				MLO					
								MINIMUM AIC:				14,000					
No.	LOAD			TYPE	LOAD DESCRIPTION	BREAKER POLE TRIP	A	B	C	BREAKER TRIP POLE	TYPE	LOAD DESCRIPTION	LOAD			No.	
	A	B	C										A	B	C		
1				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #356 LTG (1)				2	
3				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #356 LTG (1)				4	
5				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #356 LTG (1)				6	
7				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #351-355 LTG (1)				8	
9				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) HVAC UNIT (1)				10	
11				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #345-350 LTG (1)				12	
13				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #321, #324-325 LTG (1)				14	
15				(E) SUITE #300 LIGHTING	1	20	+			20	1	(E) ROOM #321 LTG (1)				16	
17				(E) SUITE #301 LIGHTING	1	20	+			20	1	(E) ROOM #322 LTG (1)				18	
19				(E) ROOM #215-218 LTG (1)	1	20	+			20	1	(E) ROOM #322-324 LTG (1)				20	
21				(E) HEATING ZONES 25 AND 26 (1)	1	20	+			20	1	(E) HEATING ZONES 28 (1)				22	
23				(E) ROOM #328 LTG (1)	1	20	+			20	1	(E) ROOM #322 LTG (1)				24	
25				(E) ROOM #327, #330, #34 AND #344 (1)	1	20	+			20	1	(E) ROOM #322 LTG (1)				26	
27				(E) ROOM #328 LTG (1)	1	20	+			20	1	(E) ROOM #322 LTG (1)				28	
29				(E) ROOM #323, #331 AND #332 LTG (1)	1	20	+			20	1	SPACE				30	
31				(E) UNKNOWN LOAD	1	20	+			20	1	(E) #302E INSTA-HOT (1)				32	
33				SPACE			+					SPACE				34	
35				SPACE				+				SPACE				36	
37				SPACE					+			SPACE				38	
39				SPACE						+		SPACE				40	
41				SPACE							+	SPACE				42	
GENERAL NOTES:																	
A. EXISTING WESTINGHOUSE PANELBOARD																	
B.																	
C.																	
D.																	
E.																	
SPECIFIC NOTES:																	
(1) LOAD INFORMATION FROM SITE SURVEY																	
(2) TERMINATE BRANCH CIRCUIT ONTO SPARE CIRCUIT BREAKER																	
CREATED AS A RESULT OF THIS PROJECT.																	
PANEL TOTAL (KVA): 0.0																	
PANEL TOTAL (A): 0																	

PANEL:		(E) PANEL L3A				VOLTAGE:		120/208V, 3PH, 4W							
LOCATION:		BATHROOM HALL				MINIMUM BUS:		225							
MOUNTING:		RECESSED				MAIN:		MLO							
						MINIMUM AIC:		10,000							
No.	LOAD			TYPE	LOAD DESCRIPTION	BREAKER POLE TRIP	BUS			BREAKER TRIP POLE	LOAD DESCRIPTION	LOAD			No.
	A	B	C				A	B	C			A	B	C	
1					(E) TELEPHONE ROOM REC (1)	1	20	+		20	1	(E) HALL RECEPTACLES (1)			2
3					(E) RESTROOM LTG (1)	1	20	+		20	1	(E) HALL RECEPTACLES (1)			4
5					(E) FC-1 HEATER (1)	1	20	+		20	1	(E) FC-2 HEATER (1)			6
7					(E) FAN COIL UNIT (1)	1	20	+		20	1	(E) FC-2 HEATER (1)			8
9					(E) FC-03 HEATER (1)	1	20	+		20	1	(E) LOBBY LIGHTING (1)			10
11					(E) RECEPTACLES #356 (1)	1	20	+		20	1	(E) RECEPTACLES (1)			12
13					(E) RECEPTACLES #356 (1)	1	20	+		20	1	SPARE			14
15					(E) RECEPTACLES #355-356 (1)	1	20	+		20	1	SPARE			16
17					(E) RECEPTACLES #357 (1)	1	20	+		20	1	SPACE			18
19					(E) RECEPTACLES #322 (1)	1	20	+		20	1	SPARE			20
21					(E) RECEPTACLES #322 (1)	1	20	+		20	1	SPACE			22
23					(E) RECEPTACLES #321-322 (1)	1	20	+		20	1	(E) PLOTTER #340 (1)			24
25					(E) RECEPTACLES #322 (1)	1	20	+		20	1	(E) BENCH RECEPTACLES (1)			26
27					(E) VENDING (1)	1	20	+		20	1	(E) BENCH RECEPTACLES (1)			28
29					(E) VENDING (1)	1	20	+		25	1	(E) BENCH RECEPTACLES (1)			30
31					(E) TRACK LIGHTING (1)	1	20	+		20	1	(E) RECEPTACLES #340 (1)			32
33					(E) TRACK LIGHTING (1)	1	20	+		20	1	(E) TRACK LIGHTING (1)			34
35					(E) COFFEE MAKER (1)	1	20	+		20	1	(E) TRACK LIGHTING (1)			36
37					(E) TRACK LIGHTING (1)	1	20	+		20	1	(E) TRACK LIGHTING (1)			38
39					(E) TRACK LIGHTING (1)	1	20	+		20	1	SPACE			40
41					SPACE				+			SPACE			42
GENERAL NOTES:															
A. EXISTING WESTINGHOUSE PANELBOARD															
B. NO MODIFICATIONS ARE BEING MADE TO THIS PANEL AS A RESULT															
OF THIS PROJECT AND IS BEING ISSUED FOR REFERENCE ONLY.															
(1) LOAD INFORMATION FROM SITE SURVEY AND RECORD DRAWINGS.															
(2)															
(3)															
(4)															
(5)															
PANEL TOTAL (KVA): 0.0															
PANEL TOTAL (A): 0															

PANEL:		(E) PANEL L3B				VOLTAGE:		120/208V, 3PH, 4W									
LOCATION:		BATHROOM HALL				MINIMUM BUS:		225									
MOUNTING:		RECESSED				MAIN:		MLO									
						MINIMUM AIC:		10,000									
No.	LOAD			TYPE	LOAD DESCRIPTION	BREAKER POLE TRIP	BUS A B C	BREAKER TRIP POLE	TYPE	LOAD DESCRIPTION	LOAD			No.			
	A	B	C								A	B	C				
1	1080			R	(E) RECEPTACLES #332, #336, #337 (1)	1	20	+	20	1	SPARE			2			
3		1080		R	(E) RECEPTACLES #331-#335 (1)	1	20	+	20	1	R	(E) RECEPTACLES #330 (1)	540	4			
5					SPARE	1	20	+	20	1	(E) SPARE			6			
7	900			R	(E) REC #327-329, #334, #344 (1)	1	20	+	20	1	(E) SPARE			8			
9		540		R	(E) RECEPTACLES #346 (1)	1	20	+	20	1	R	(N) HUDDLE RM REC (2)	1080	10			
11			1080	R	(E) RECEPTACLES #348-364 (1)	1	20	+	20	1	A	(N) REFRIGERATOR (2)	1000	700			
13					SPARE	1	20	+	20	1	A	(N) COFFEE (2)	1000	1000			
15		540		R	(E) RECEPTACLES #315 (1)	1	20	+	20	1	A	(N) MICROWAVE (2)	1000	16			
17					SPARE	1	20	+	20	1	R	(N) CEILING REC (2)		720			
19	660			A	(N) LACTATION ROOM (3)	1	20	+	20	1	R	(N) CEILING REC (2)(3)	720	720			
21		540		R	(E) EAST PERMITER WALL REC (1)	1	20	+	20	1	R	(N) CEILING REC (2)(3)	720	720			
23			720	R	(N) CEILING REC (2)(3)	1	20	+	20	1	A	(E) COFFEE MAKER (1)	1000	1200			
25	1176			A	(N) DISPOSAL (2)	1	20	+	30	2	E	(E) COPIER (1)	1000	26			
27		540		R	(N) KITCHEN RECEPTACLES (2)	1	20	+	20	1	R	(N) CEILING REC (2)	1000	28			
29			1080	R	(E) FLUOROBXES #314 (1)	1	20	+	20	1	R	(N) CEILING REC (2)	720	30			
31	300			E	(E) VENDING (1)	1	20	+	20	1	R	(N) CEILING REC (2)	360	32			
33		1000		E	(E) COPIER (1)	1	20	+	20	1	R	SPARE		34			
35			720	R	(N) CEILING REC (2)(3)	1	20	+	20	1	E	(E) VENDING MACHINE (1)		300			
37	720			R	(N) CEILING REC (2)(3)	1	20	+	20	1	R	(E) RECEPTACLE (1)	540	38			
39				(N) SPARE (3)		1	20	+	20	1	E	(E) COPIER (1)	1000	40			
41		900		R	(N) LOBBY RECEPTACLES (2)	1	20	+	20	1	SPARE			42			
GENERAL NOTES:																	
A. EXISTING WESTINGHOUSE PANELBOARD																	
B.																	
C.																	
D.																	
E.																	
SPECIFIC NOTES:																	
(1) LOAD INFORMATION FROM SITE SURVEY AND RECORD DRAWINGS																	
(2) TERMINATE BRANCH CIRCUIT ONLY TO SPARE CIRCUIT BREAKER																	
(3) CREATED AS A RESULT OF THIS PROJECT																	
(5) REPLACE EXISTING CIRCUIT BREAKER WITH NEW CUTLER-HAMMER																	
BATS100 CIRCUIT BREAKER FOR TERMINATION OF BRANCH CIRCUIT																	
LOAD TYPE						PANEL TOTAL		FEED THRU TOTAL		SUBFEED TOTAL		FEEDER SUBTOTAL		DEMAND SUBTOTAL		FEEDER TOTAL	
ALL OTHERS						0		0		125%		0		125%		0	
RECEPTACLES						15840		0		NEC 220		0		12500		0	
LUMINAIRES						0		0		25%		0		0		0	
MOTORS (ALL)						0		0		100%		0		100%		0	
EQUIPMENT						4600		4600		100%		4600		4600		4600	
WALL PLUGS						5736		5736		50		4015		0		4015	
PANEL TOTAL (KVA):															21.5		
PANEL TOTAL (A):															60		